

# Comparisons of Job Characteristics

**Focus Occupation: Geographers (19-3092)**

**Associated Occupation: Urban and Regional Planners (19-3051)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 57

**Focus Occupation: Geographers (19-3092)**

**Associated Occupation: Urban and Regional Planners (19-3051)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
English Language	11.2	16.6	17.2	0	Current knowledge level may be sufficient
Customer and Personal Service	11.3	16.1	8.2	<<	Extensive education and/or training may be required
Law and Government	5.9	15.5	9.0	<<	Extensive education and/or training may be required
Administration and Management	8.4	14.8	9.7	<<	Extensive education and/or training may be required
Geography	3.9	14.3	24.8	>>	Current knowledge level is likely more than sufficient
Transportation	4.6	13.7	7.2	<<	Extensive education and/or training may be required
Design	5.2	12.0	5.8	<<	Extensive education and/or training may be required
Building and Construction	4.0	10.3	2.1	<<	Extensive education and/or training may be required
Economics and Accounting	4.4	10.2	4.3	<<	Extensive education and/or training may be required
History and Archeology	2.6	10.0	10.7	0	Current knowledge level may be sufficient
Sociology and Anthropology	4.1	9.4	15.2	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 87

**Focus Occupation: Geographers (19-3092)**

**Associated Occupation: Urban and Regional Planners (19-3051)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Judgment and Decision Making	9.4	13.4	11.9	<	A higher skill level may be required
Systems Analysis	6.5	13.0	11.6	<	A higher skill level may be required
Systems Evaluation	6.4	11.3	11.0	0	Current skill level may be sufficient
Persuasion	7.4	10.4	7.2	<<	Extensive development of skills in this area may be required
Operations Analysis	5.0	9.8	7.9	<	A higher skill level may be required
Management of Financial Resources	3.3	7.5	3.2	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 97				
Focus Occupation: Geographers (19-3092)						
Associated Occupation: Urban and Regional Planners (19-3051)						
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation		
Deductive Reasoning	10.6	13.6	12.8	0	Current ability level may be sufficient	
Speech Clarity	10.2	13.1	13.6	0	Current ability level may be sufficient	
Written Expression	9.8	13.1	15.2	>	Current ability level is likely sufficient	
Speech Recognition	9.9	12.3	11.2	0	Current ability level may be sufficient	
Fluency of Ideas	7.6	11.5	9.7	<	Some improvement in abilities may be required	
Visualization	7.5	10.6	7.9	<<	Extensive improvement in abilities may be required	
Originality	7.6	10.3	9.7	0	Current ability level may be sufficient	
Mathematical Reasoning	6.3	9.5	10.6	>	Current ability level is likely sufficient	
Number Facility	6.3	9.1	10.6	>	Current ability level is likely sufficient	

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 87
Focus Occupation: Geographers (19-3092) Associated Occupation: Urban and Regional Planners (19-3051)		
Work Activities	Exclusivity of Activity	
Advise clients or customers	19	
Advise governmental or industrial personnel	28	
Analyze ecosystem data	69	
Analyze scientific research data or investigative findings	27	

Analyze social or economic data	63
Collect scientific or technical data	30
Collect social or personal information	70
Collect statistical data	47
Communicate technical information	4
Compile data on economic, social, or physical factors affecting land use	92
Compile information through interviews	68
Compile numerical or statistical data	38
Conduct field research or investigative studies	52
Confer with scientists	54
Develop or maintain databases	30
Develop policies, procedures, methods, or standards	21
Develop tables depicting data	33
Direct and coordinate activities of workers or staff	3
Direct and coordinate scientific research or investigative studies	27
Draw maps or charts	69
Explain complex mathematical information	30
Interpret charts or tables for social or economic research	70
Maintain awareness of social trends	71
Make presentations	13
Plan scientific research or investigative studies	48
Plan surveys of specified group or area	80
Prepare reports	8
Prepare technical reports or related documentation	22
Recognize interrelationships among individuals or social groups	74
Recommend further study or action based on research data	60
Use computers to enter, access or retrieve data	3
Use current social research	62
Use geographical information system (GIS) software	72
Use interviewing procedures	23
Use knowledge of investigation techniques	16
Use library or online Internet research techniques	21
Use mathematical or statistical methods to identify or analyze problems	30
Use project management techniques	47
Use quantitative research methods	35
Use relational database software	26
Use scientific research methodology	21
Use spreadsheet software	18
Use word processing or desktop publishing software	17
Write research or project grant proposals	33
Write scholarly or technical research papers	36

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 78

**Focus Occupation: Geographers (19-3092)**  
**Associated Occupation: Urban and Regional Planners (19-3051)**

Tools and Technologies	Exclusivity
Audio and visual equipment	4
Computer printers	2
Computers	1
Content authoring and editing software	1
Data management and query software	1
Industry specific software	1
Information exchange software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.